

IN THE CLAIMS

--1. (Currently Amended) An image processing apparatus comprising:

capturing means for capturing a first image partially including a second image projected by a projector, wherein said second image is an image of a screen area;

extraction means for extracting the second image from the first image on the basis of image information captured by said capturing means;

position determination means for determining a position of a bright point disposed on the second image, wherein said position is in a screen system; and

blinking-pattern detection means for detecting a logical product of the blinking pattern of the bright point,

wherein ~~the~~a logical product is of a first pixel value in a current field and at least one of the following: (i) a second pixel value in one of an immediately preceding field; or (ii) a third pixel value in an immediately subsequent field is obtained, and wherein the bright point is determined to exist only when said first pixel value and either said second pixel value or said third pixel value are on.--

--2. (Original) An image apparatus according to Claim 1, wherein said position determination means compensates the position of the bright point on the second image to determine of the bright point on the first image.--

--3. (Original) An image apparatus according to Claim 1, wherein the second image is taken by a flow pickup method, and

said blinking-pattern detection means converts the image information to two-dimensional data and binarizes the data to detect the blinking pattern of the right point disposed on the first image.--

--4. (Currently Amended) An image processing method comprising:
a capturing step of capturing a first image partially including a second image projected by a projector, wherein said second image is an image of a screen area;
an extraction step for extracting the second image from the first image on the basis of image information captured in said capturing step;
a position determination step of determining a position of a bright point disposed on the second image, wherein said position is in a screen system; and
a blinking-pattern detection step of detecting a logical product of the blinking pattern of the bright point,

wherein the a logical product is of a first pixel value in a current field and at least one of the following: (i) a second pixel value in one of an immediately preceding field; or (ii) a third pixel value in an immediately subsequent field is obtained, and wherein the bright point is determined to exist only when said first pixel value and either said second pixel value or said third pixel value are on.--

--5. (Currently Amended) A providing medium for providing a computer-readable program which makes an image processing apparatus execute processing, said processing comprising:

a capturing step of capturing a first image partially including a second image projected by a projector, wherein said second image is an image of a screen area;

an extraction step for extracting the second image from the first image on the basis of image information captured in said capturing step;

a position determination step of determining a position of a bright point disposed on the second image, wherein said position is in a screen system; and

a blinking-pattern detection step of detecting a logical product of the blinking pattern of the bright point,

wherein the a logical product is of a first pixel value in a current field and at least one of the following: (i) a second pixel value in one of an immediately preceding field; or (ii) a third pixel value in an immediately subsequent field is obtained, and wherein the bright point is determined to exist only when said first pixel value and either said second pixel value or said third pixel value are on.--

Claims 6-8 (Canceled).

--9. (Currently Amended) A presentation system comprising:

image display means for displaying a first image, wherein the first image is an image of a screen area;

pointing means for pointing to a position on the first image by a bright point;

pickup means for capturing a second image which includes the first image and the bright point pointed on the first image;

extraction means for extracting the first image from the second image on the basis of image information captured by said pickup means;

image processing means for determining the position of the bright point on the first image and for detecting the a logical product of blinking pattern of the bright point, wherein said position is in a screen system; and

combination means for combining the first image correspondingly to the position of the bright point and the blinking pattern of the bright point detected by said image processing means,

wherein the a logical product is of a first pixel value in a current field and at least one of the following: (i) a second pixel value in one of an immediately preceding field; or (ii) a third pixel value in an immediately subsequent field is obtained, and wherein the bright point is determined to exist only when said first pixel value and either said second pixel value or said third pixel value are on.--